Ifigeneia Mellidou

List of Publications by Year
in descending order

26 papers	1,092 citations	567281 15 h-index	552781 26 g-index
28 all docs	28 docs citations	28 times ranked	1108 citing authors

#	Article	IF	Citations
1	Expression profiling of ascorbic acid-related genes during tomato fruit development and ripening and in response to stress conditions. Journal of Experimental Botany, 2009, 60, 663-678.	4.8	222
2	Regulation of fruit ascorbic acid concentrations during ripening in high and low vitamin C tomato cultivars. BMC Plant Biology, 2012, 12, 239.	3.6	106
3	Plant growth promoting rhizobacteria isolated from halophytes and drought-tolerant plants: genomic characterisation and exploration of phyto-beneficial traits. Scientific Reports, 2020, 10, 14857.	3.3	99
4	Allelic Variation in Paralogs of GDP-l-Galactose Phosphorylase Is a Major Determinant of Vitamin C Concentrations in Apple Fruit Â Â Â. Plant Physiology, 2012, 160, 1613-1629.	4.8	81
5	Transcriptomic events associated with internal browning of apple during postharvest storage. BMC Plant Biology, 2014, 14, 328.	3.6	76
6	Genetic Control of Ascorbic Acid Biosynthesis and Recycling in Horticultural Crops. Frontiers in Chemistry, 2017, 5, 50.	3.6	72
7	Expression analysis of candidate cell wall-related genes associated with changes in pectin biochemistry during postharvest apple softening. Postharvest Biology and Technology, 2016, 112, 176-185.	6.0	61
8	Comparative Transcriptomics and Metabolomics Reveal an Intricate Priming Mechanism Involved in PGPR-Mediated Salt Tolerance in Tomato. Frontiers in Plant Science, 2021, 12, 713984.	3.6	46
9	Regulation of Vitamin C Accumulation for Improved Tomato Fruit Quality and Alleviation of Abiotic Stress. Genes, 2021, 12, 694.	2.4	39
10	Underexpression of apoplastic polyamine oxidase improves thermotolerance in Nicotiana tabacum. Journal of Plant Physiology, 2017, 218, 171-174.	3.5	38
11	Silencing S-Adenosyl-L-Methionine Decarboxylase (SAMDC) in Nicotiana tabacum Points at a Polyamine-Dependent Trade-Off between Growth and Tolerance Responses. Frontiers in Plant Science, 2016, 7, 379.	3.6	35
12	Harnessing Chlorophyll Fluorescence for Phenotyping Analysis of Wild and Cultivated Tomato for High Photochemical Efficiency under Water Deficit for Climate Change Resilience. Climate, 2021, 9, 154.	2.8	29
13	Exploring genetic diversity of tomato (Solanum lycopersicum L.)Âgermplasm of genebank collection employing SSR and SCAR markers. Genetic Resources and Crop Evolution, 2019, 66, 1295-1309.	1.6	22
14	Unlocking PGPR-Mediated Abiotic Stress Tolerance: What Lies Beneath. Frontiers in Sustainable Food Systems, 2022, 6, .	3.9	22
15	Silencing of ascorbate oxidase results in reduced growth, altered ascorbic acid levels and ripening pattern in melon fruit. Plant Physiology and Biochemistry, 2020, 156, 291-303.	5.8	21
16	Considerations to prevent the breakdown and loss of fruit carotenoids during extraction and analysis in Musa. Journal of Chromatography A, 2009, 1216, 5759-5762.	3.7	15
17	Evaluation of parsley (Petroselinum crispum) germplasm diversity from the Greek Gene Bank using morphological, molecular and metabolic markers. Industrial Crops and Products, 2021, 170, 113767.	5.2	15
18	Bacterial Communities in the Rhizosphere and Phyllosphere of Halophytes and Drought-Tolerant Plants in Mediterranean Ecosystems. Microorganisms, 2020, 8, 1708.	3.6	14

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19	Antisense-mediated S-adenosyl-L-methionine decarboxylase silencing affects heat stress responses of tobacco plants. Functional Plant Biology, 2020, 47, 651.	2.1	14
20	Decoding the potential of a new Pseudomonas putida strain for inducing drought tolerance of tomato (Solanum lycopersicum) plants through seed biopriming. Journal of Plant Physiology, 2022, 271, 153658.	3.5	13
21	Antioxidant Phytochemicals in Fresh Produce: Exploitation of Genotype Variation and Advancements in Analytical Protocols. Frontiers in Chemistry, 2018, 5, 95.	3.6	12
22	A comprehensive RNA-Seq-based gene expression atlas of the summer squash (Cucurbita pepo) provides insights into fruit morphology and ripening mechanisms. BMC Genomics, 2021, 22, 341.	2.8	12
23	Microsatellite genotyping and molecular screening of pea (Pisum sativum L.) germplasm with high-resolution melting analysis for resistance to powdery mildew. Plant Gene, 2018, 15, 1-5.	2.3	8
24	Metabolomic Fingerprinting and Molecular Characterization of the Rock Samphire Germplasm Collection from the Balkan Botanic Garden of Kroussia, Northern Greece. Plants, 2022, 11, 573.	3.5	8
25	Exploring morpho-physiological profiles of a collection of tomato (Solanum lycopersicum) germplasm using multivariate statistics. Plant Genetic Resources: Characterisation and Utilisation, 2020, 18, 88-97.	0.8	4
26	Utilization of Tomato Landraces to Improve Seedling Performance under Salt Stress. Stresses, 2021, 1, 238-252.	4.8	3